

INTERNATIONAL SEARCH REPORT

national Application No

PCT/IB2004/000752

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03F1/30 H03H11/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H03G H03H H03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 368 420 A (KUO JAMES R) 11 January 1983 (1983-01-11) figure 2	1,7-10
A		6
X	EP 0 763 891 A (ERICSSON TELEFON AB L M) 19 March 1997 (1997-03-19) page 6, lines 6-29 figure 3	1,7-10
A		6
X	US 4 636 742 A (ORITANI ATSUSHI) 13 January 1987 (1987-01-13) column 3, lines 4-34	1,7-10
A		6
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

25 May 2004

Date of mailing of the international search report

16/06/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	P GRAY AND AL: "Analysis an Design of Analog Integrated Circuits" 1 March 2001 (2001-03-01), JOHN WILEY & SONS, INC. , NEW YORK, USA 269560 , XP002281385 page 323, line 3 - page 327, line 13	1,7-10
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